

# 6p.10: Status of radiance assimilation at the Canadian Meteorological Center

Many important upgrades to the operational global and regional DAS at EC since ITSC-19

- Assimilation of IASI from Metop-B
- Increase in the number of channels assimilated for AIRS (87 to 142) and IASI (62 to 142)
- Satellite radiance bias correction improvement
- RTTOV updated from version 8.7 to version 10.2

## **EXPECTED END-2015**

- Assimilation of CrIS and ATMS (See 11p.02 from S. Macpherson)
- Taking into account for interchannel error correlations (See 5b.05 from Louis Garand)

## **Under development**

- CSR from Himawari-8, AMVs from SNPP and Himawari-8, Scatterometer winds from RapidScat
- Increase thinning resolution from 150km to 125km
- Surface sensitive infrared radiances over land (See 10.02 oral presentation from Louis Garand)

